

The Board of Supervisors of Maricopa County, Arizona convened in Special Session at 8:30 a.m., March 22, 2005, at the TGen Research Institute, 445 N. 5th Street, Phoenix, AZ 85004, with the following members present: Max W. Wilson, Chairman, District 4, Fulton Brock, District 1; Don Stapley, District 2, Andrew Kunasek, District 3; and Mary Rose Wilcox, District 5. Also present: Fran McCarroll, Clerk of the Board; David Smith, County Manager; and Paul Golab, Deputy County Attorney.

DEDICATION AND OFFICIAL OPENING CEREMONY OF THE TRANSLATIONAL GENOMICS (TGEN) RESEARCH INSTITUTE AND INTERNATIONAL GENOMICS CONSORTIUM

Greg Stanton, Councilman, Phoenix City Council, District 6, welcomed the attendees to the Building Dedication Ceremony and invited everyone to enjoy the refreshments provided. Mr. Stanton introduced Senator Jon Kyl who addressed the assemblage.

Senator Kyl said, "We are here to celebrate an idea as well as an achievement." He indicated that the research to be conducted in this new building will unlock mysteries by studying genomes, and that the research will translate into enhanced patient care. The celebration this morning is for the first building on the planned campus of building. He concluded his remarks on the significance of the work to be accomplished here by quoting President Theodore Roosevelt who said, "Work on work with doing."

Mr. Stanton then introduced Congressman J.D. Hayworth by noting that Mr. Hayworth was able to attend in the place of Senator John McCain. Congressman Hayworth noted the remarkable progression of work in this field from the 19th to the 20th centuries indicating some landmark transitions and inventions during those years. He observed that TGen professionals are already doing landmark research regarding autism. This research has the potential to affect the lives of thousands of families in the United States and around the world.

Following Congressman Hayworth, Governor Janet Napolitano spoke regarding the awe-inspiring nature of this occasion and the work to be accomplished at this site. She commented that in Arizona, almost 100 years ago man succeeded in building the Roosevelt Dam to harness the power of water. Today is the beginning of the work in Arizona through the TGen Institute to harness the power of science.

Mayor of Phoenix, Phil Gordon, also address the assemblage and stated, "The future begins today." He said that this even represents "how" we are moving forward – as a center for education, science and research, with expectations of breakthrough in treatment and prevention.

Dr. Jeffrey M. Trent, TGen President and Scientific Director, observed the magnitude of the task before them. He acknowledged that the accomplishments to date pale in the light of those to be tackled. He said their research would pursue new diagnostic tests for cancer, diabetes, and Alzheimers. In conclusion, he quoted the adage, "Whether you think you can or think you can't, you're right." Then Dr. Trent and Mr. Stanton introduced the keynote speaker for the morning, Dr. Francis S. Collins, Director, National Human Genome Research Institute, National Institutes of Health.

Dr. Collins indicated that this day was the time to build on opportunities. He said that TGen research is a glimpse into personalized medicine with their efforts to prevent, diagnose and treat disease. Although "we have come so far, it is not far enough." Scientists have already unlocked the sequencing of DNA which, in itself, equals a textbook of medicine. "So," he challenged, "what's next?"

In the next four to five years, science will uncover many of the major genetic factors that "make people predisposed to various diseases," he explained. Individuals will have the opportunity to learn their own personal roadmap, and to plan for prevention. Along with this dynamic research is a need for the

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important legislation that your personal medical readout cannot be used against you. The sciences are moving toward pharmacogenomics, which is the ability to study a person's DNA to determine the precise, the exact right drug for that individual. This area is called "targeted drug development" – very specific drugs that only affect the "diseased" cells.

Dr. Collins commented on the name – Translational Genomics Institute – noting that "translational" means "rendering one language to another." In this case, taking the language of DNA and translating it into "meaning" to produce incredible results. It will "put into simple terms" the mysteries of the genome, not only in the area of research, but also in education.

Following Dr. Collins remarks, Councilman Stanton and the Mayor invited the honored guests to join them in the ribbon cutting, signifying the official opening of the TGen center in Phoenix. Following the ceremonies, the guests were invited to tour the building. (ADM686)

MEETING ADJOURNED

There being no further business to come before the Board, the meeting was adjourned.

Max W. Wilson, Chairman of the Board

ATTEST:

Fran McCarroll, Clerk of the Board